

**Segment ID: 0402      Water body name: Big Cypress Creek Below Lake O' the Pines**

Freshwater Stream

Cypress Creek Basin

Total size:

42 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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**Aquatic Life Use**

2002	Dissolved Oxygen grab average	Use Concern	11 miles below Black Cypress Creek	11	14	3	
2002	Dissolved Oxygen grab average	Use Concern	Lower 9 miles	9	36	7	
2002	Dissolved Oxygen grab average	No Concern	Middle 15 miles near Jefferson	15	13	1	
2002	Dissolved Oxygen grab average	No Concern	Upper 7 miles	7	31	1	
2002	Dissolved Oxygen grab minimum	Use Concern	11 miles below Black Cypress Creek	11	14	2	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Lower 9 miles	9	36	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Middle 15 miles near Jefferson	15	13	0	
2002	Dissolved Oxygen grab minimum	Fully Supporting	Upper 7 miles	7	31	0	
2002	Dissolved Oxygen 24hr average	Not Assessed	11 miles below Black Cypress Creek	11	2		
2002	Dissolved Oxygen 24hr average	Not Assessed	Lower 9 miles	9	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Middle 15 miles near Jefferson	15	0		
2002	Dissolved Oxygen 24hr average	Not Assessed	Upper 7 miles	7	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	11 miles below Black Cypress Creek	11	2		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Lower 9 miles	9	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Middle 15 miles near Jefferson	15	0		
2002	Dissolved Oxygen 24hr minimum	Not Assessed	Upper 7 miles	7	0		
2002	Acute Metals in water	Fully Supporting	11 miles below Black Cypress Creek	11	11		
2002	Acute Metals in water	Not Assessed	Lower 9 miles	9	2	0	
2002	Acute Metals in water	Fully Supporting	Middle 15 miles near Jefferson	15	10		
2002	Acute Metals in water	No Concern-Limited Data	Upper 7 miles	7	7	0	
2002	Chronic Metals in water	Fully Supporting	11 miles below Black Cypress Creek	11	11		
2002	Chronic Metals in water	Not Assessed	Lower 9 miles	9	2		
2002	Chronic Metals in water	Fully Supporting	Middle 15 miles near Jefferson	15	10		

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**Aquatic Life Use** (continued)

2002	Chronic Metals in water Lead	Use Concern-Limited Data	Upper 7 miles	7	7		0.39
2002	Overall Aquatic Life Use	Fully Supporting	11 miles below Black Cypress Creek	11			
2002	Overall Aquatic Life Use	Fully Supporting	Lower 9 miles	9			
2002	Overall Aquatic Life Use	Fully Supporting	Middle 15 miles near Jefferson	15			
2002	Overall Aquatic Life Use	Fully Supporting	Upper 7 miles	7			

**Contact Recreation Use**

2002	E. coli single sample	Not Assessed	11 miles below Black Cypress Creek	11	0		
2002	E. coli single sample	Not Assessed	Lower 9 miles	9	0		
2002	E. coli single sample	Not Assessed	Middle 15 miles near Jefferson	15	0		
2002	E. coli single sample	Not Assessed	Upper 7 miles	7	0		
2002	E. coli geometric mean	Not Assessed	11 miles below Black Cypress Creek	11	0		
2002	E. coli geometric mean	Not Assessed	Lower 9 miles	9	0		
2002	E. coli geometric mean	Not Assessed	Middle 15 miles near Jefferson	15	0		
2002	E. coli geometric mean	Not Assessed	Upper 7 miles	7	0		
2002	Fecal coliform single sample	No Concern-Limited Data	11 miles below Black Cypress Creek	11	6	1	
2002	Fecal coliform single sample	No Concern-Limited Data	Lower 9 miles	9	7	0	
2002	Fecal coliform single sample	No Concern-Limited Data	Middle 15 miles near Jefferson	15	8	1	
2002	Fecal coliform single sample	Not Assessed	Upper 7 miles	7	1	0	
2002	Fecal coliform geometric mean	No Concern-Limited Data	11 miles below Black Cypress Creek	11	6		59

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**Contact Recreation Use** (continued)

2002	Fecal coliform geometric mean	No Concern-Limited Data	Lower 9 miles	9	7		33
2002	Fecal coliform geometric mean	No Concern-Limited Data	Middle 15 miles near Jefferson	15	8		56
2002	Fecal coliform geometric mean	Not Assessed	Upper 7 miles	7	1		5
2002	Overall Recreation Use	Not Assessed	11 miles below Black Cypress Creek	11			
2002	Overall Recreation Use	Not Assessed	Lower 9 miles	9			
2002	Overall Recreation Use	Not Assessed	Middle 15 miles near Jefferson	15			
2002	Overall Recreation Use	Not Assessed	Upper 7 miles	7			

**General Use**

2002	Water Temperature	Fully Supporting	11 miles below Black Cypress Creek	11	14	0	
2002	Water Temperature	Fully Supporting	Lower 9 miles	9	36	0	
2002	Water Temperature	Fully Supporting	Middle 15 miles near Jefferson	15	13	0	
2002	Water Temperature	Fully Supporting	Upper 7 miles	7	31	0	
2002	pH	Partially Supporting	11 miles below Black Cypress Creek	11	14	5	
2002	pH	Use Concern	Lower 9 miles	9	12	2	
2002	pH	Fully Supporting	Middle 15 miles near Jefferson	15	13	0	
2002	pH	No Concern-Limited Data	Upper 7 miles	7	8	0	
2002	Chloride	Fully Supporting	11 miles below Black Cypress Creek	11	42		12.5
2002	Chloride	Fully Supporting	Lower 9 miles	9	42		12.5
2002	Chloride	Fully Supporting	Middle 15 miles near Jefferson	15	42		12.5
2002	Chloride	Fully Supporting	Upper 7 miles	7	42		12.5
2002	Sulfate	Fully Supporting	11 miles below Black Cypress Creek	11	42		18.8

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**General Use** (continued)

2002	Sulfate	Fully Supporting	Lower 9 miles	9	42		18.8
2002	Sulfate	Fully Supporting	Middle 15 miles near Jefferson	15	42		18.8
2002	Sulfate	Fully Supporting	Upper 7 miles	7	42		18.8
2002	Total Dissolved Solids	Fully Supporting	11 miles below Black Cypress Creek	11	94		79.3
2002	Total Dissolved Solids	Fully Supporting	Lower 9 miles	9	94		79.3
2002	Total Dissolved Solids	Fully Supporting	Middle 15 miles near Jefferson	15	94		79.3
2002	Total Dissolved Solids	Fully Supporting	Upper 7 miles	7	94		79.3
2002	Overall General Use	Partially Supporting	11 miles below Black Cypress Creek	11			
2002	Overall General Use	Fully Supporting	Lower 9 miles	9			
2002	Overall General Use	Fully Supporting	Middle 15 miles near Jefferson	15			
2002	Overall General Use	Fully Supporting	Upper 7 miles	7			

**Fish Consumption Use**

2002	Advisories and Closures Restricted-Consumption	Partially Supporting	11 miles below Black Cypress Creek	11			
2002	Advisories and Closures Restricted-Consumption	Partially Supporting	Lower 9 miles	9			
2002	Advisories and Closures Restricted-Consumption	Partially Supporting	Middle 15 miles near Jefferson	15			
2002	Advisories and Closures Restricted-Consumption	Partially Supporting	Upper 7 miles	7			
2002	Human Health Criteria	Fully Supporting	11 miles below Black Cypress Creek	11	11		
2002	Human Health Criteria	Not Assessed	Lower 9 miles	9	2		
2002	Human Health Criteria	Fully Supporting	Middle 15 miles near Jefferson	15	10		
2002	Human Health Criteria	No Concern-Limited Data	Upper 7 miles	7	7		

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**Fish Consumption Use** (continued)

2002	Overall Fish Consumption Use	Partially Supporting	11 miles below Black Cypress Creek	11			
2002	Overall Fish Consumption Use	Partially Supporting	Lower 9 miles	9			
2002	Overall Fish Consumption Use	Partially Supporting	Middle 15 miles near Jefferson	15			
2002	Overall Fish Consumption Use	Partially Supporting	Upper 7 miles	7			

**Public Water Supply Use**

2002	Finished Water: Running Avg	Fully Supporting	Upper 7 miles	7			
2002	Surface Water: Long-term average	Fully Supporting	11 miles below Black Cypress Creek	11	11		
2002	Surface Water: Long-term average	No Concern-Limited Data	Lower 9 miles	9	2		
2002	Surface Water: Long-term average	Fully Supporting	Middle 15 miles near Jefferson	15	10		
2002	Surface Water: Long-term average	No Concern-Limited Data	Upper 7 miles	7	7		
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	11 miles below Black Cypress Creek	11	12		0.11
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 9 miles	9	10		0.125
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	Fully Supporting	Middle 15 miles near Jefferson	15	14		0.16
2002	Surface Water: Long-term average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Upper 7 miles	7	7		0.04
2002	Surface Water: Running average	Fully Supporting	11 miles below Black Cypress Creek	11	11	0	
2002	Surface Water: Running average	No Concern-Limited Data	Lower 9 miles	9	2	0	
2002	Surface Water: Running average	Fully Supporting	Middle 15 miles near Jefferson	15	10	0	
2002	Surface Water: Running average	No Concern-Limited Data	Upper 7 miles	7	7	0	

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**Public Water Supply Use** (continued)

2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	11 miles below Black Cypress Creek	11	12	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Lower 9 miles	9	10	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	Fully Supporting	Middle 15 miles near Jefferson	15	14	0	
2002	Surface Water: Running average Nitrate+Nitrite Nitrogen	No Concern-Limited Data	Upper 7 miles	7	7	0	
2002	Overall Public Water Supply Use	Fully Supporting	11 miles below Black Cypress Creek	11			
2002	Overall Public Water Supply Use	Fully Supporting	Lower 9 miles	9			
2002	Overall Public Water Supply Use	Fully Supporting	Middle 15 miles near Jefferson	15			
2002	Overall Public Water Supply Use	Fully Supporting	Upper 7 miles	7			

**Overall Use Support**

2002		Partially Supporting	11 miles below Black Cypress Creek	11			
2002		Partially Supporting	Lower 9 miles	9			
2002		Partially Supporting	Middle 15 miles near Jefferson	15			
2002		Partially Supporting	Upper 7 miles	7			

**Nutrient Enrichment Concern**

2002	Ammonia Nitrogen	No Concern	11 miles below Black Cypress Creek	11	12	1	
2002	Ammonia Nitrogen	No Concern	Lower 9 miles	9	11	1	
2002	Ammonia Nitrogen	No Concern	Middle 15 miles near Jefferson	15	15	0	
2002	Ammonia Nitrogen	Not Assessed	Upper 7 miles	7	7	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	11 miles below Black Cypress Creek	11	12	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 9 miles	9	10	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Middle 15 miles near Jefferson	15	14	0	

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**Nutrient Enrichment Concern** (continued)

2002	Nitrite + Nitrate Nitrogen	Not Assessed	Upper 7 miles	7	7	0	
2002	Orthophosphorus	No Concern	11 miles below Black Cypress Creek	11	12	0	
2002	Orthophosphorus	Not Assessed	Lower 9 miles	9	9	0	
2002	Orthophosphorus	No Concern	Middle 15 miles near Jefferson	15	14	0	
2002	Orthophosphorus	Not Assessed	Upper 7 miles	7	6	0	
2002	Total Phosphorus	No Concern	11 miles below Black Cypress Creek	11	12	0	
2002	Total Phosphorus	No Concern	Lower 9 miles	9	11	0	
2002	Total Phosphorus	No Concern	Middle 15 miles near Jefferson	15	15	0	
2002	Total Phosphorus	Not Assessed	Upper 7 miles	7	1	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	11 miles below Black Cypress Creek	11			
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 9 miles	9			
2002	Overall Nutrient Enrichment Concerns	No Concern	Middle 15 miles near Jefferson	15			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper 7 miles	7			

**Algal Growth Concern**

2002	Chlorophyll a	Concern	11 miles below Black Cypress Creek	11	12	4	
2002	Chlorophyll a	No Concern	Lower 9 miles	9	10	1	
2002	Chlorophyll a	No Concern	Middle 15 miles near Jefferson	15	15	0	
2002	Chlorophyll a	Not Assessed	Upper 7 miles	7	0		

**Sediment Contaminants Concern**

2002	Metals in sediment	Not Assessed	11 miles below Black Cypress Creek	11	4		
2002	Metals in sediment	Not Assessed	Lower 9 miles	9	1		

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**Sediment Contaminants Concern** (continued)

2002	Overall Sediment Contaminant Concerns	Not Assessed	11 miles below Black Cypress Creek	11			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 9 miles	9			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Middle 15 miles near Jefferson	15			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 7 miles	7			

**Fish Tissue Contaminants Concern**

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	11 miles below Black Cypress Creek	11			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 9 miles	9			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 15 miles near Jefferson	15			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 7 miles	7			

**Public Water Supply Concern**

2002	Finished Water: Chloride	No Concern	11 miles below Black Cypress Creek	11			
2002	Finished Water: Chloride	No Concern	Lower 9 miles	9			
2002	Finished Water: Chloride	No Concern	Middle 15 miles near Jefferson	15			
2002	Finished Water: Chloride	No Concern	Upper 7 miles	7			
2002	Finished Water: Sulfate	No Concern	11 miles below Black Cypress Creek	11			
2002	Finished Water: Sulfate	No Concern	Lower 9 miles	9			
2002	Finished Water: Sulfate	No Concern	Middle 15 miles near Jefferson	15			
2002	Finished Water: Sulfate	No Concern	Upper 7 miles	7			



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**Public Water Supply Concern** (continued)

2002	Finished Water: Total Dissolved Solids	No Concern	11 miles below Black Cypress Creek	11			
2002	Finished Water: Total Dissolved Solids	No Concern	Lower 9 miles	9			
2002	Finished Water: Total Dissolved Solids	No Concern	Middle 15 miles near Jefferson	15			
2002	Finished Water: Total Dissolved Solids	No Concern	Upper 7 miles	7			
2002	Finished Water: MTBE	No Concern	11 miles below Black Cypress Creek	11			
2002	Finished Water: MTBE	No Concern	Lower 9 miles	9			
2002	Finished Water: MTBE	No Concern	Middle 15 miles near Jefferson	15			
2002	Finished Water: MTBE	No Concern	Upper 7 miles	7			
2002	Finished Water: Perchlorate	Not Assessed	11 miles below Black Cypress Creek	11			
2002	Finished Water: Perchlorate	Not Assessed	Lower 9 miles	9			
2002	Finished Water: Perchlorate	Not Assessed	Middle 15 miles near Jefferson	15			
2002	Finished Water: Perchlorate	Not Assessed	Upper 7 miles	7			
2002	Finished Water: Overall	No Concern	11 miles below Black Cypress Creek	11			
2002	Finished Water: Overall	No Concern	Lower 9 miles	9			
2002	Finished Water: Overall	No Concern	Middle 15 miles near Jefferson	15			
2002	Finished Water: Overall	No Concern	Upper 7 miles	7			
2002	Surface Water: Chloride	No Concern	11 miles below Black Cypress Creek	11	42		12.5
2002	Surface Water: Chloride	No Concern	Lower 9 miles	9	42		12.5
2002	Surface Water: Chloride	No Concern	Middle 15 miles near Jefferson	15	42		12.5
2002	Surface Water: Chloride	No Concern	Upper 7 miles	7	42		12.5
2002	Surface Water: Sulfate	No Concern	11 miles below Black Cypress Creek	11	42		18.8

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**Public Water Supply Concern** (continued)

2002	Surface Water: Sulfate	No Concern	Lower 9 miles	9	42		18.8
2002	Surface Water: Sulfate	No Concern	Middle 15 miles near Jefferson	15	42		18.8
2002	Surface Water: Sulfate	No Concern	Upper 7 miles	7	42		18.8
2002	Surface Water: Total Dissolved Solids	No Concern	11 miles below Black Cypress Creek	11	94		79.3
2002	Surface Water: Total Dissolved Solids	No Concern	Lower 9 miles	9	94		79.3
2002	Surface Water: Total Dissolved Solids	No Concern	Middle 15 miles near Jefferson	15	94		79.3
2002	Surface Water: Total Dissolved Solids	No Concern	Upper 7 miles	7	94		79.3
2002	Surface Water: Overall	No Concern	11 miles below Black Cypress Creek	11			
2002	Surface Water: Overall	No Concern	Lower 9 miles	9			
2002	Surface Water: Overall	No Concern	Middle 15 miles near Jefferson	15			
2002	Surface Water: Overall	No Concern	Upper 7 miles	7			
2002	Overall Public Water Supply Concerns	No Concern	11 miles below Black Cypress Creek	11			
2002	Overall Public Water Supply Concerns	No Concern	Lower 9 miles	9			
2002	Overall Public Water Supply Concerns	No Concern	Middle 15 miles near Jefferson	15			
2002	Overall Public Water Supply Concerns	No Concern	Upper 7 miles	7			

**Narrative Criteria Concern**

2002	Overall Narrative Criteria Concerns	No Concern	11 miles below Black Cypress Creek	11			
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**Narrative Criteria Concern** (continued)

2002	Overall Narrative Criteria Concerns	No Concern	Lower 9 miles	9			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 7 miles	7			
2002	Overall Narrative Criteria Concerns	No Concern	Middle 15 miles near Jefferson	15			

**Overall Secondary Concern**

2002		Concern	11 miles below Black Cypress Creek	11			
2002		No Concern	Lower 9 miles	9			
2002		No Concern	Middle 15 miles near Jefferson	15			
2002		No Concern	Upper 7 miles	7			